

AMENDMENTS TO THE SPECIFICATION

Please amend or add the paragraphs starting on these lines as follows:

^{above}
Page 1, line 6, please add:

BACKGROUND ART

LC
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^{lines 2-3}
Page 3, ~~line 2~~, please amend as follows:

. estimating the value of the speed of ~~ratio~~ rotation of the engine outlet shaft; and

^{above}
Page 3, line 27, please add:

SUMMARY OF THE INVENTION

Page 4, line 6, please amend as follows:

· if the mode has been determined as being the permanent mode, then the ~~moving~~
average mean variation per unit time of the gear ratio over a period of a plurality of unit time
intervals lies between a first threshold value that is negative and a second threshold value that is
positive; and

Page 4, line 11, please amend as follows:

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· if the mode has been determined as being the transient mode, then said ~~moving~~
average mean variation per unit time of the gear ratio lies outside the range of values defined by
the first and second threshold value.

above
Page 6, line 25, please add:

BRIEF DESCRIPTION OF THE DRAWINGS

- Figure 1 shows a drive train to which a method in accordance with the invention may be applied.
- Figure 2, is a graph showing variation over time in the gear ratio when implementing a method in accordance with the invention.

DETAILED DESCRIPTION OF EMBODIMENTS

Page 9, line 11, please amend as follows:

· if the mode has been determined as being the permanent mode, then the ~~moving average~~
mean variation per unit time L' of the gear ratio L over a period T of a plurality of unit time

intervals t_1 lies between a first threshold value S_1 that is negative and a second threshold value S_2 that is positive; and

Page 9, line 17, please amend as follows:

· if the mode has been determined as being the transient mode, then said ~~moving average~~
mean variation per unit time L' of the gear ratio L lies outside the range of values defined by the
first and second threshold values S_1 and S_2 .

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lines 22-25
Page 11, ~~line 22~~, please amend as follows:
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The amplitude accepted during the segment of variation in the mean value of gear ratio is
preferably of the order of 20 ~~rpm~~ km/h per 1000 rpm to 100 ~~rpm~~ km/h per 1000 rpm, and if the
amplitude is constant, it is preferably equal to 50 ~~rpm~~ km/h per 1000 rpm.

AMENDMENTS TO THE SPECIFICATION

Please amend or add the paragraphs starting on these lines as follows:

lines 6-10
Page 4, ~~line 6~~ (as amended December 9, 2008), please amend as follows:
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· if the mode has been determined as being the permanent mode, then the ~~sliding~~
~~mean variation per unit time~~ moving average of the gear ratio over a period of a plurality of unit
time intervals lies between a first threshold value that is negative and a second threshold value
that is positive; and

lines 11-14
Page 4, ~~line 11~~ (as amended December 9, 2008), please amend as follows:
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· if the mode has been determined as being the transient mode, then said ~~sliding~~
~~mean variation per unit time~~ moving average of the gear ratio lies outside the range of values
defined by the first and second threshold value.

lines 11-16
Page 9, ~~line 11~~ (as amended December 9, 2008), please amend as follows:
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· if the mode has been determined as being the permanent mode, then the ~~sliding mean~~
~~variation per unit time~~ moving average L' of the gear ratio L over a period T of a plurality of unit

Amendment

U.S. Appl. No. 10/538,172

Attorney Docket No. PSA0301273

time intervals t_1 lies between a first threshold value S_1 that is negative and a second threshold value S_2 that is positive; and

lines 17-20
Page 9, ~~line 17~~ (as amended December 9, 2008), please amend as follows:
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· if the mode has been determined as being the transient mode, then said ~~sliding mean variation per unit time moving average~~ L' of the gear ratio L lies outside the range of values defined by the first and second threshold values S_1 and S_2 .